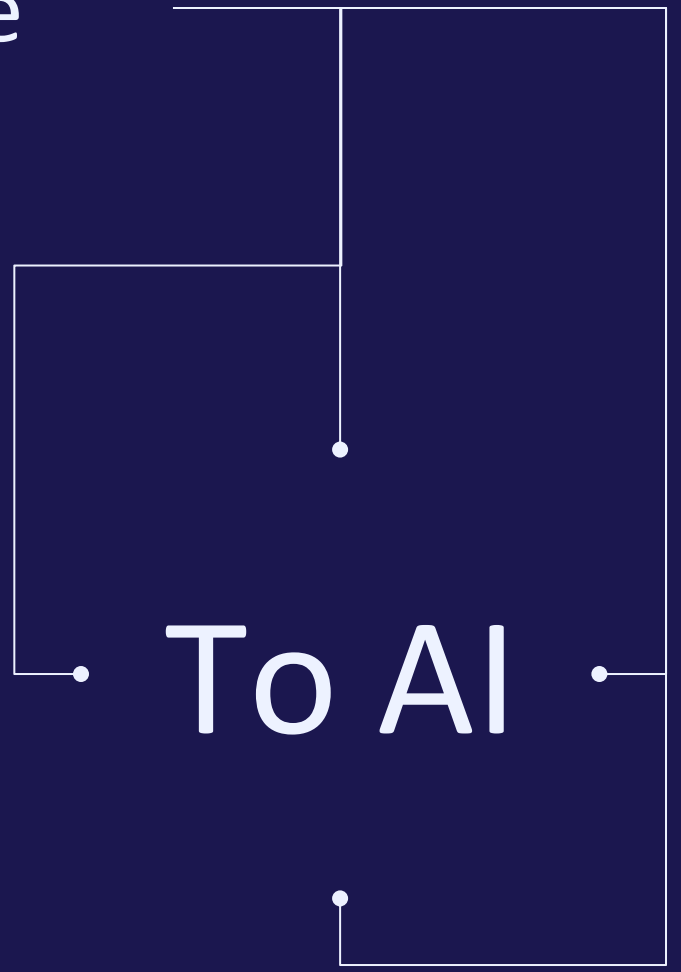
Adobis Group ®

From Here

DataChain ®

The next generation All in one Data Platform



Transversal

Data solution

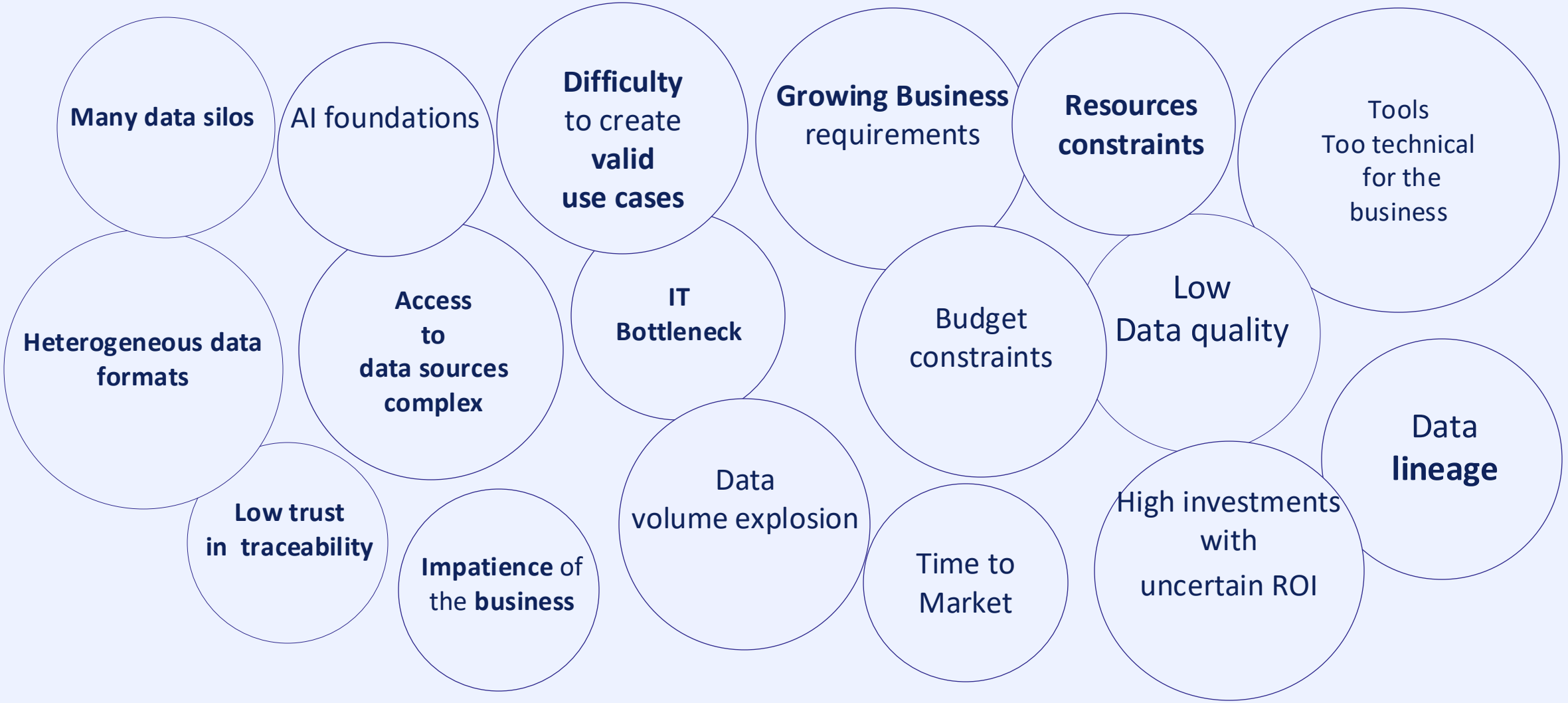
for the business



DataChain®

DataChain® Sovereign Data Solution by Adobis Group

The data challenges



DataChain® Sovereign Data Solution by Adobis Group

A high-performance solution and an opening to AI

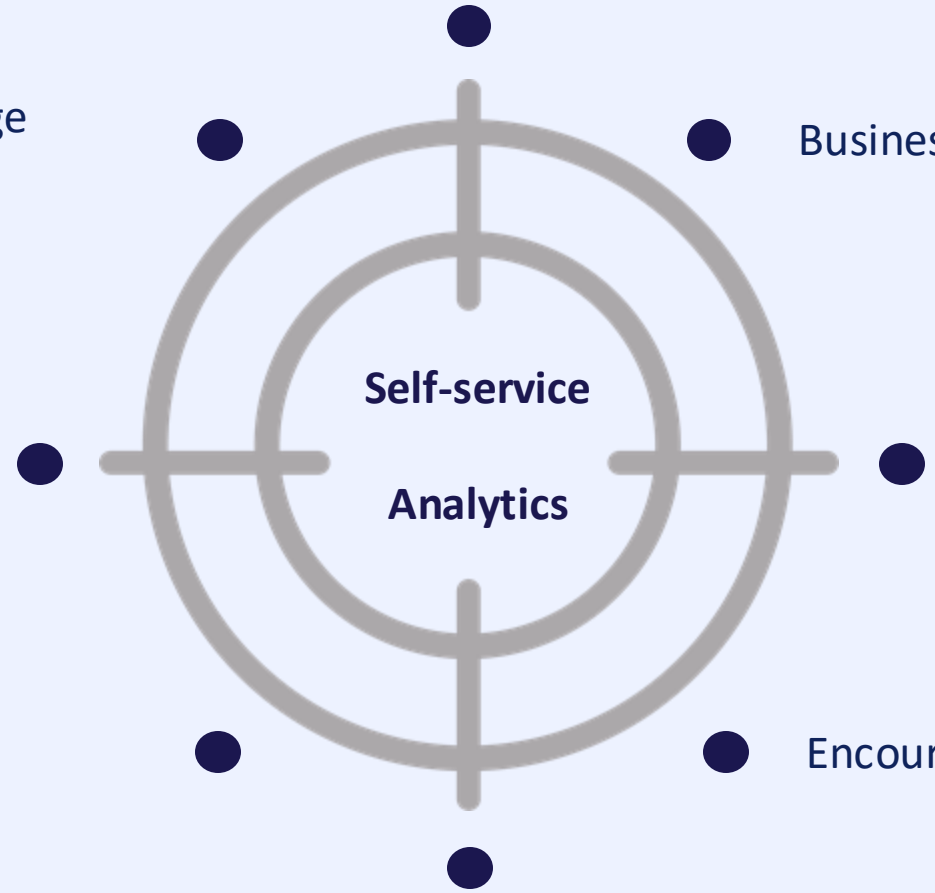
Bridging technology and business expertise



DataChain® positions the business at the center of data production and transformation

DataChain® Sovereign Data Solution by Adobis Group

Data accessible to all in the company



DataChain®



Operating and building your data asset

DataChain® Sovereign Data Solution by Adobis Group

Implementing a smooth data discovery

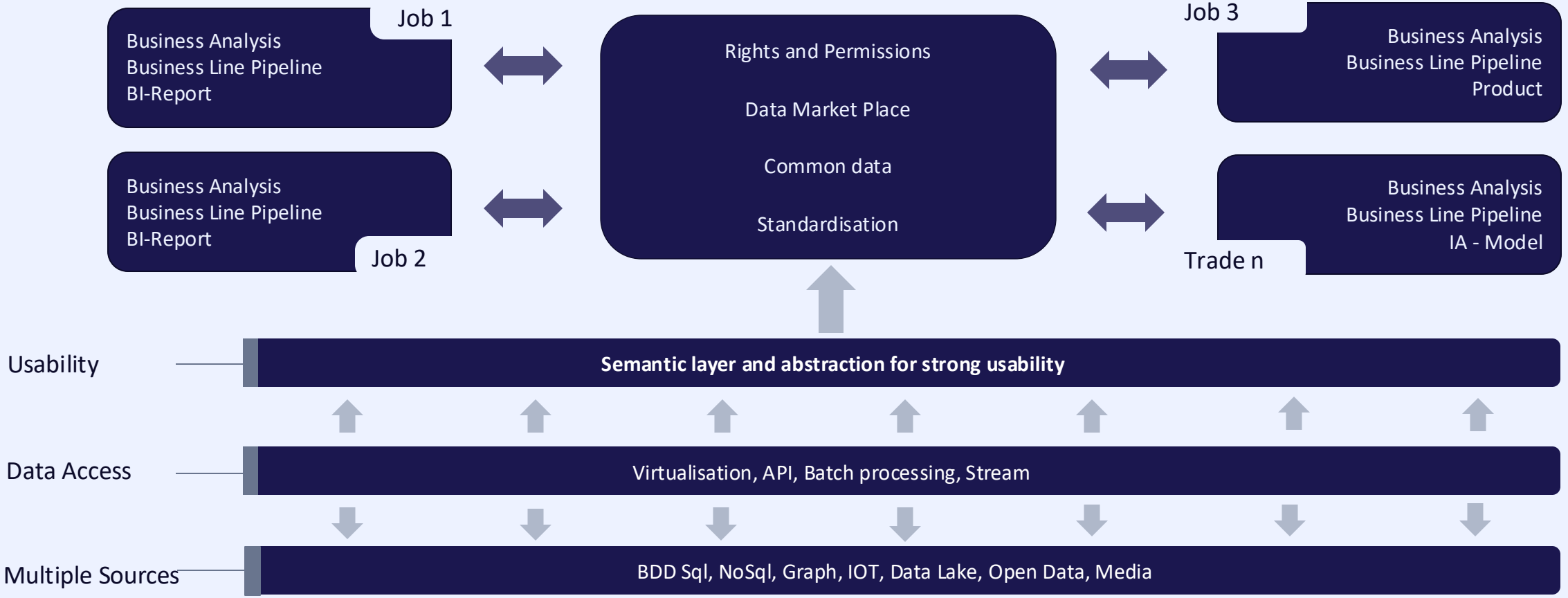
- logical layer to data without replication
- Shortened time from business request to data availability
- Semantic data unification layer
- Precise and centralised data access management
- Native and shared metadata management



- Facilitates management, quality monitoring, auditability and data security
- Modern approach to data integration and availability for business
- Empowers business users to bypass technical expertise
- Makes the business responsible for the data it shares or consumes
- Customised ETL/ELT
  Business-driven process optimization

DataChain® Sovereign Data Solution by Adobis Group

Empowering the business in a controlled and secure environment



DataChain®



Solution

description

DataChain® Sovereign Data Solution by Adobis Group

An end-to-end value chain with No Code, Low Code and Code

Modules for everyone

Generic Data

Platform base
Data Management/ Security
Lineage and data processing

Capture, Standardise, Transform, Analyse, Create

Handle Data

Dashboards
Graphics, Maps, Media,
Timeline, Text editor

Present, Publish, Show, Understand

DataChain®

Core

DC Code

git

Notebook / Code
Integrated/ Secure

Code, Study, Predict, Research

DC Maestro

Task orchestrator
Process industrialisation

Industrialise, Produce, Distribute

DC Reveal/ TagIA *06/2025*

Reveal: Data Science assistance
Tag IA : Augmented tagging
LAM / LLM

Governing, Classifying, Performing

Modules additional

DC MarketPlace

Making data available,
Market Place, Exhibition
Publication, Data Product

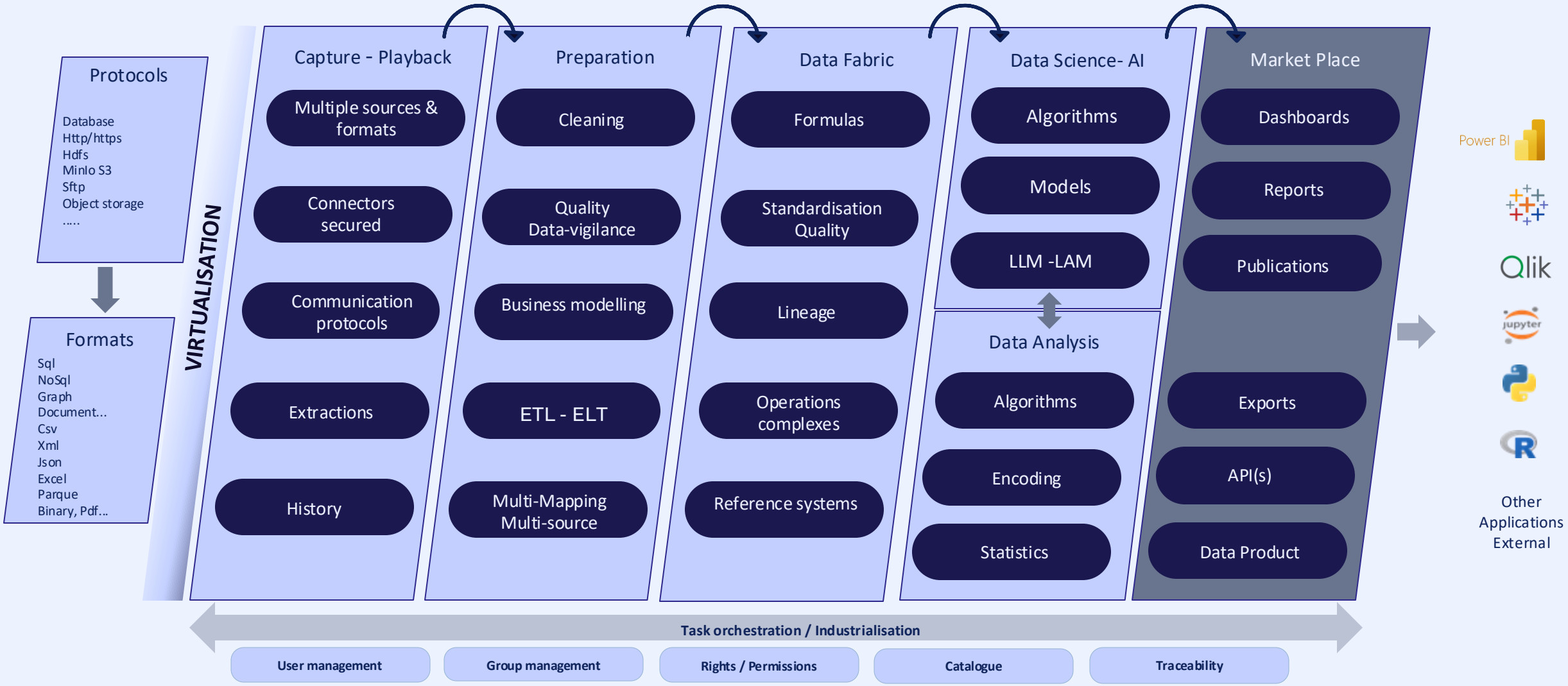
Sharing, Disposing

Tech Stack

Spark, Java, Angular, Python, jupyterhub, docker, Kubernetes, Airflow, mlflow, learn, TensorFlow, spaCy

DataChain® Sovereign Data Solution by Adobis Group

End-to-end value chain management



DataChain®



Some examples of use

DataChain ® by Adobis Group, 2025.

DataChain® Sovereign Data Solution by Adobis Group

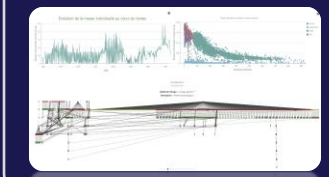
Multiple use cases for all industries

Smart City — State of Geneva



- 4500 connected sources
- Capture, Transformation, Standardisation
- Generating and industrialising uses
- API exhibitions
- Market Place

Industry 4.0 — Ÿnsect



- Cross-functional Data Platform
- Lineage creation and management
- Multi-system source reading
- Industrialisation of processes
- KPI, Cleaning, Data Science

DataChain

Healthcare data management — Ayming



- Multi-source read-capture
- Multi-Business Unit uses
- Processing pipeline, quality control
- API exhibition, Sharing
- Publications

Energy consomption optimisation — Fitt solution

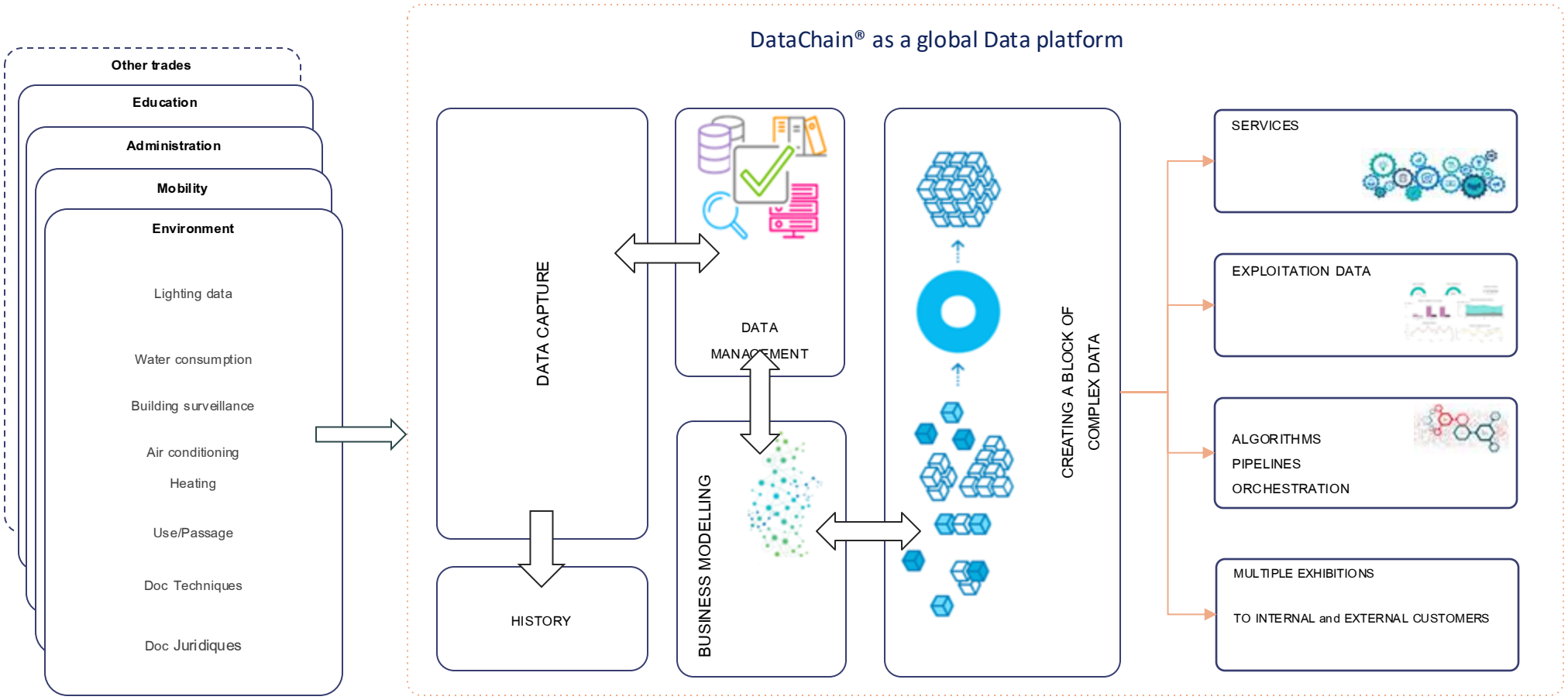


- IOT message capture
- Transformation, Cleaning
- Quality, Standardisation
- Pipeline Preparation
- Publications

Example

Data Virtualisation Platform

State of Geneva



Global ROI

✓ **Capture and Workflow**

- Virtualisation mode
- Agility for the development and industrialisation of use cases
- Agile pipeline maintenance

- Developing uses for internal and external customers
- Compliance and quality
- Data vigilance
- efficient integration into existing IS
- A responsible approach

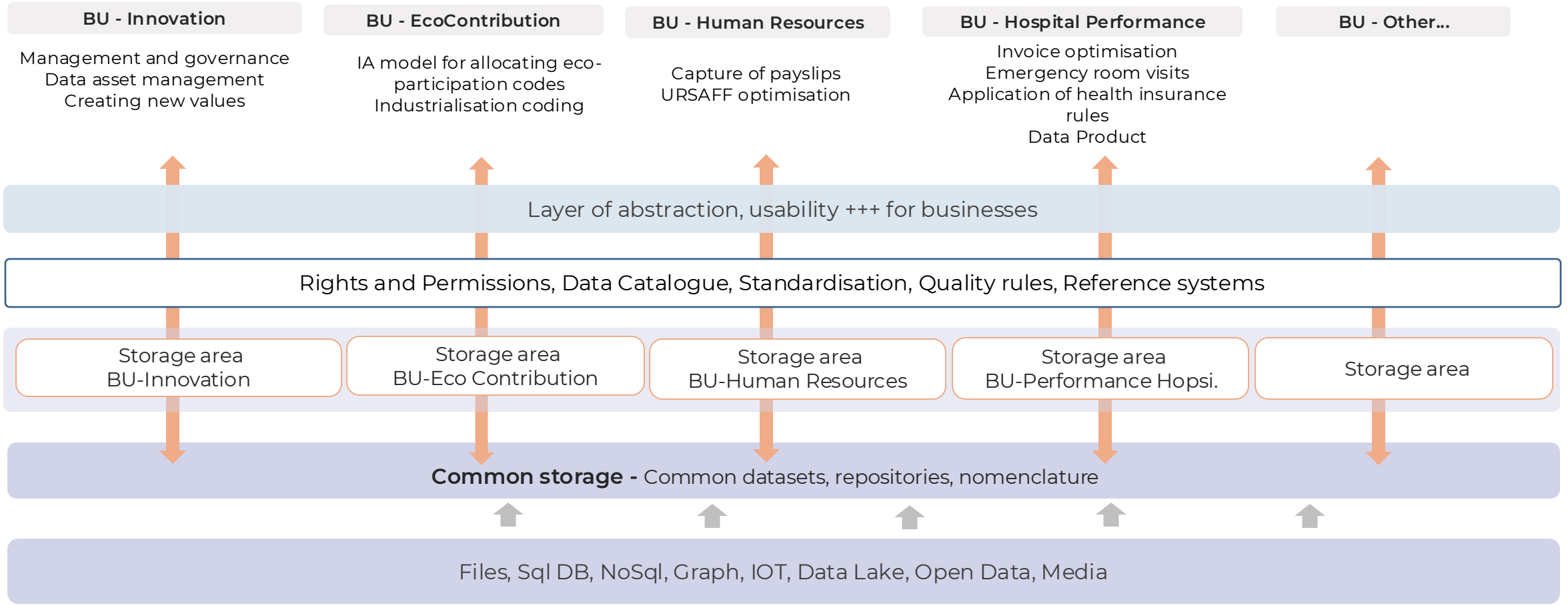
✓ **Adding meaning** :

- Business knowledge
- Improving citizens' lives
- Scriptwriting
- Contextualisation
- Link with open data and other data sources

Example

Multi-Business Unit Data Platform

Consulting firm



The business units have validated the solution's ability to adapt to their needs
DataChain® becomes the consulting firm's Data platform in a MESH-type approach

Example

Multi-source reconciliation platform

Quality analysis and sales forecasts

Database

Billing

Services

Appointment management

Prescribers

DATA CAPTURE

DATA MANAGEMEN

BUSINESS MODELLING

CREATION OF A BLOCK OF COMPLEX DATA

ML model

Forecast sales



Recruitment analysis

Predictive analysis

Prescriber's trend

Global ROI

- ✓ Cost reduction: Reorganisation of routes, change in billing frequency
- ✓ Increase in sales: sales actions targeting prescribers with a downward trend
- ✓ Strengthening the commercial relationship with prescribers with an upward trend
- ✓ Monthly monitoring of billing prediction

Example

Industry - Optimising energy consumption

IOT capture - standardisation, data-science, exposure and sharing

Tableaux de Bord

Rafraîchir

Libellé de l'image : Compresseur A230-001



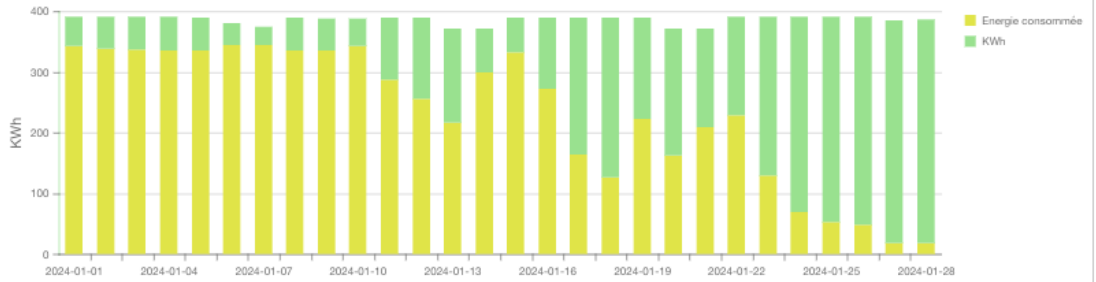
Cumul conso réelle élec

6.52 MWh

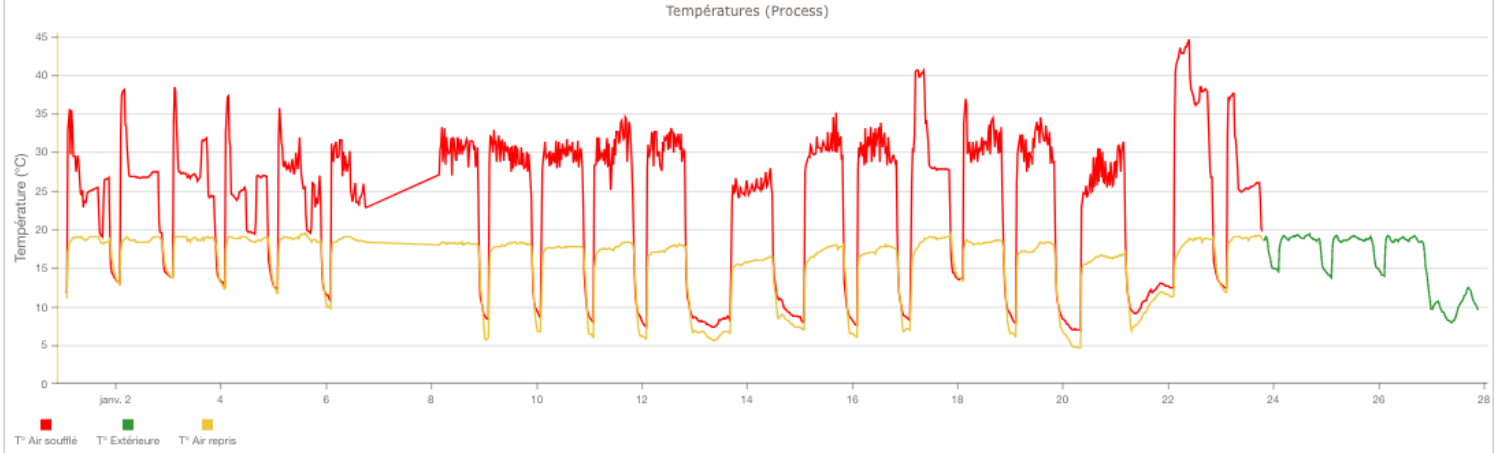
Economie élec (%)



Consommation énergétique électrique (En KWh)



Températures (Process)



IOT

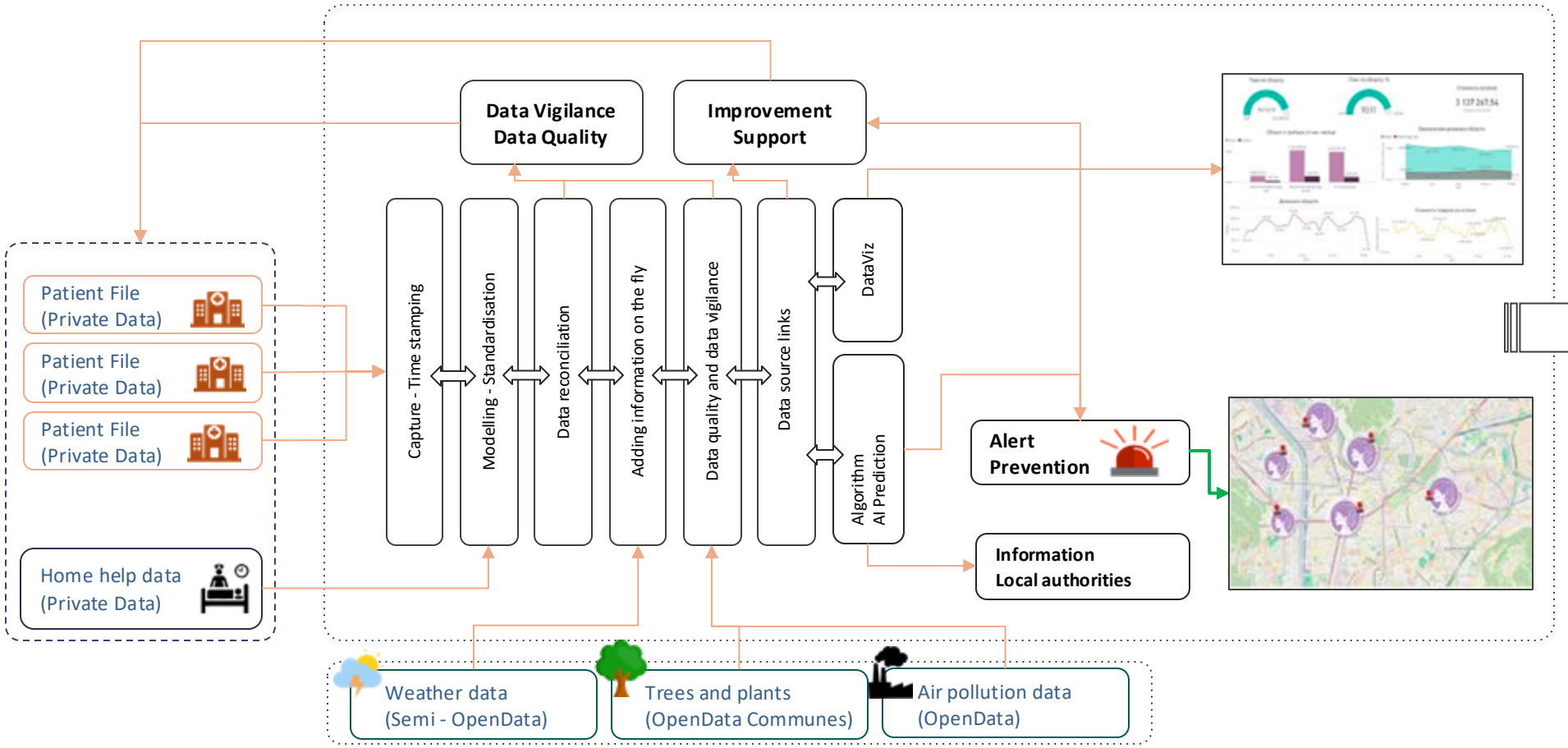
Perfomance
Fiabilité
Diagnostic de pannes
Maintenance prédictive
Economie d'énergie
Protection de l'environnement

Capture - standardisation - display and sharing

Example

Health

Monitoring and prevention of allergy-related acute respiratory failure



Global ROI

- ✓ Patient satisfaction : Improving care - Care pathway
- ✓ Productivity gains: Optimised diagnostics
- ✓ Quality of care / lower costs: effectiveness of treatment
- ✓ Prevention

Example

Epidemiology

Pandemic monitoring - 14,000,000 files



Maladiecoronavirus.fr

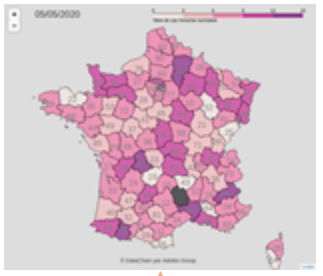
Every 8 hours

DATA CAPTURE

DATA MANAGEMENT

BUSINESS MODELLING

CREATION OF A BLOCK OF COMPLEX DATA





- Pandemic trend analysis
- Generation of publications / symptoms
- Forecast
- Cluster detection

Hosting of sensitive health data HDS

Daily feed
Institutions (Pasteur, etc.)

Publications

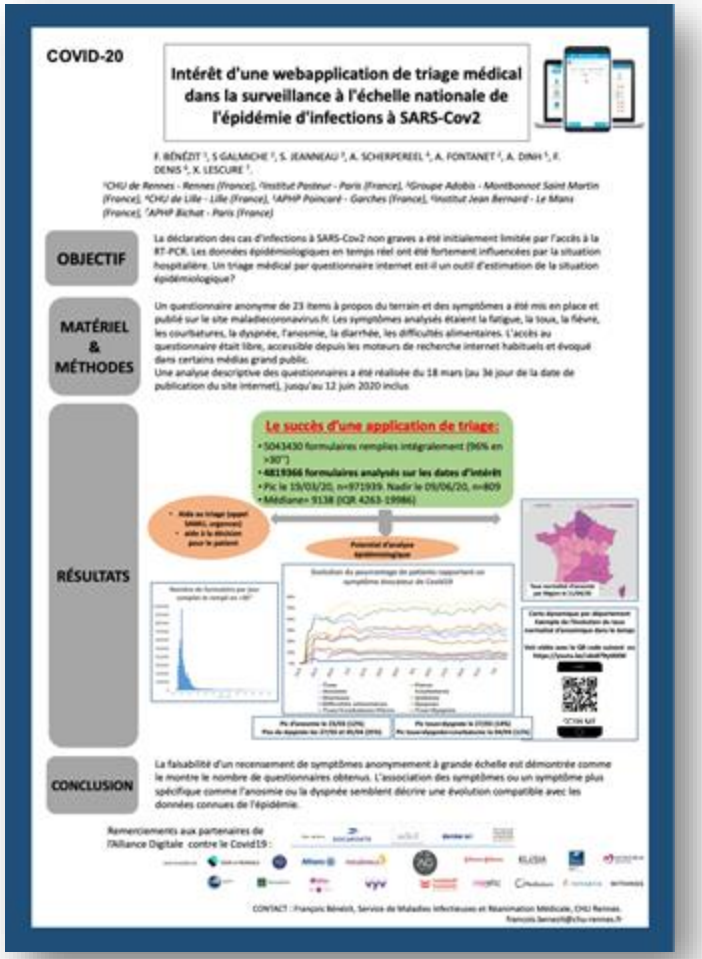
Communications

Studies - Questions

Example

Epidemiology

Pandemic monitoring - 14,000,000 files



COVID-20

Intérêt d'une webapplication de triage médical dans la surveillance à l'échelle nationale de l'épidémie d'infections à SARS-Cov2

F. BÉNÉZIT [1], S GALMICHE [2], S. JEANNEAU [3], A. SCHERPEREEL [4], A. FONTANET [5], A. DINH [1], F. DENIS [6], X. LESCURE [7].

[1]CHU de Rennes - Rennes (France), [2]Institut Pasteur - Paris (France), [3]Groupe Adobis - Montbonnot Saint Martin (France), [4]CHU de Lille - Lille (France), [5]APHP Poincaré - Garches (France), [6]Institut Jean Bernard - Le Mans (France), [7]APHP Bichat - Paris (France)

OBJECTIF

La déclaration des cas d'infections à SARS-Cov2 non graves a été initialement limitée par l'accès à la RT-PCR. Les données épidémiologiques en temps réel ont été fortement influencées par la situation hospitalière. Un triage médical par questionnaire internet est-il un outil d'estimation de la situation épidémiologique?

MATÉRIEL & MÉTHODES

Un questionnaire anonyme de 23 items à propos du terrain et des symptômes a été mis en place et publié sur le site maladiecoronavirus.fr. Les symptômes analysés étaient la fatigue, la toux, la fièvre, les courbatures, la dyspnée, l'anosmie, la diarrhée, les difficultés alimentaires. L'accès au questionnaire était libre, accessible depuis les moteurs de recherche internet habituels et évoqué dans certains médias grand public.
Une analyse descriptive des questionnaires a été réalisée du 18 mars (au 3è jour de la date de publication du site internet), jusqu'au 12 juin 2020 inclus

RÉSULTATS

Le succès d'une application de triage:

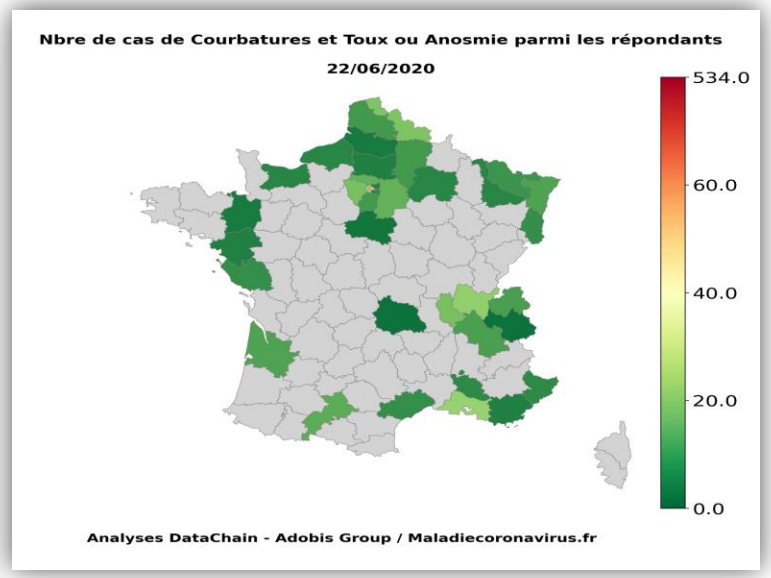
- 5043430 formulaires remplies intégralement (96% en >30")
- 4819366 formulaires analysés sur les dates d'intérêt
- Pic le 19/03/20, n=971939. Nadir le 09/06/20, n=809
- Médiane= 9138 (IQR 4263-19986)

CONCLUSION

La faisabilité d'un recensement de symptômes anonymement à grande échelle est démontrée comme le montre le nombre de questionnaires obtenus. L'association des symptômes ou un symptôme plus spécifique comme l'anosmie ou la dyspnée semblent décrire une évolution compatible avec les données connues de l'épidémie.

Remerciements aux partenaires de l'Alliance Digitale contre le Covid19 :

CONTACT : François Bénézit, Service de Maladies Infectieuses et Réanimation Médicale, CHU Rennes. francois.benezit@chu-rennes.fr





Le site maladiecoronavirus.fr a divisé par 8 les appels inutiles au 15

Après avoir rempli un questionnaire en ligne, les internautes obtiennent une réponse qui leur indique s'ils doivent consulter un médecin.

«Les formulaires ont été établis avec des spécialistes, mais rien n'aurait été possible sans les équipes techniques, qui ont travaillé gratuitement», raconte le coordinateur du site. Le site a été développé par Kelindi, une start-up lilloise, avec l'équipe de Denier Cri à Paris, le traitement big data est fait par Adobis, une entreprise de Grenoble, et l'hébergement est fait par Docaposte. *«Au départ, tout a été réalisé pro bono, puis nous avons heureusement eu le soutien financier d'entreprises et d'assureurs au sein de l'Alliance digitale pour le Covid.»*

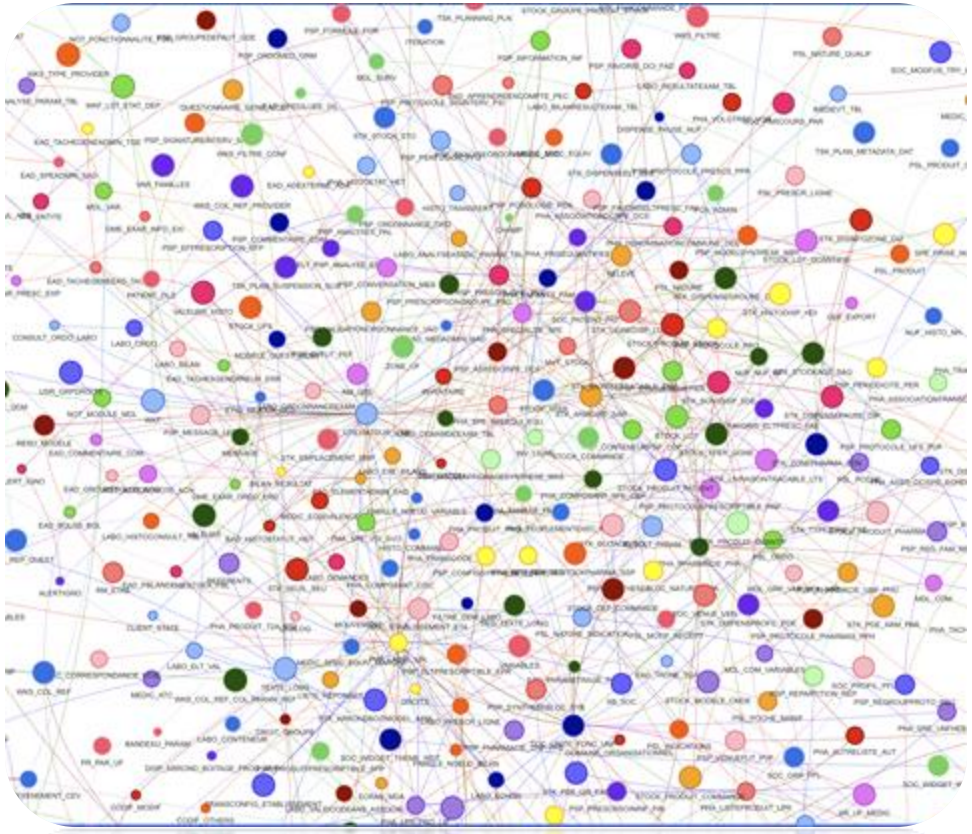




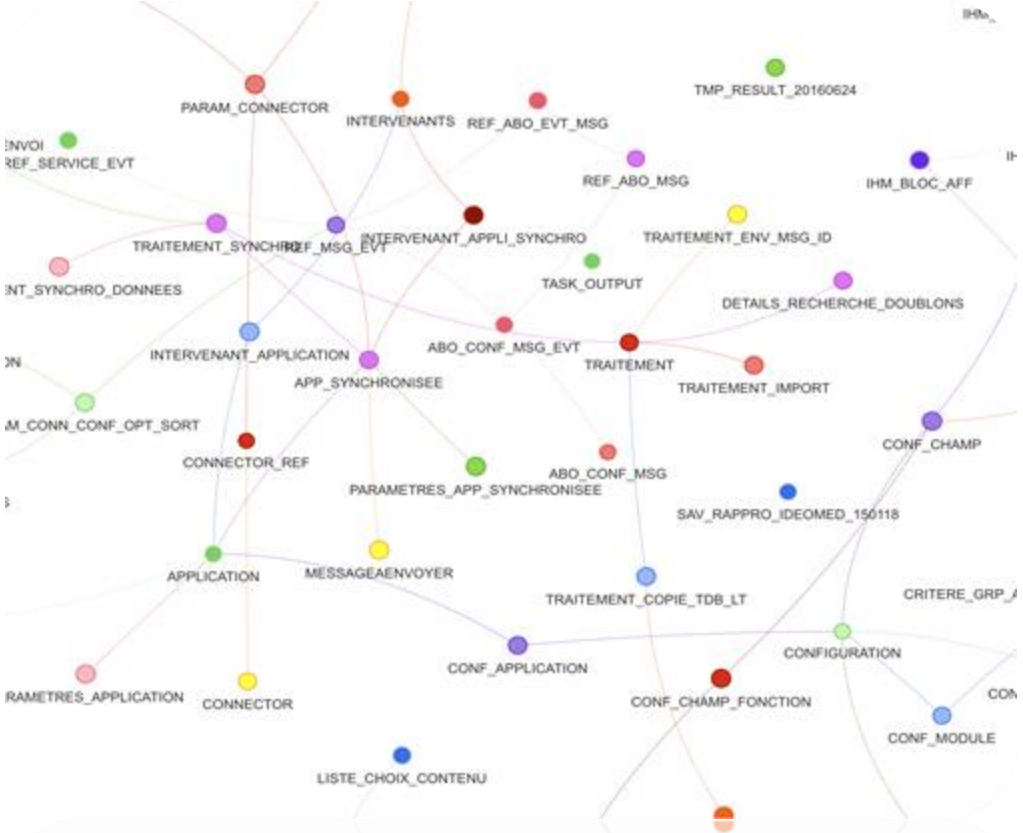
Example

Discovering and analysing a database

Global, cross-sectional and simultaneous study of several databases



1683 Tables 2 631 142 494 Lines



236 Tables 353 306 644 Lines

DataChain®



Sustainability
&
Certification

DataChain® Sovereign Data Solution by Adobis Group

A green and responsible solution - For a controlled carbon footprint

Network efficiency
Our design helps to reduce carbon emissions by reducing as far as possible the size of the data exchanged and the distance it travels between our various components on a computer network.

Front-End performance optimisation
The developments take into account the optimisation of processing to minimise the load on the end-customer's CPU.

Container technology
From the outset, Adobis Group has adopted container technology to optimise resources (memory and CPU).

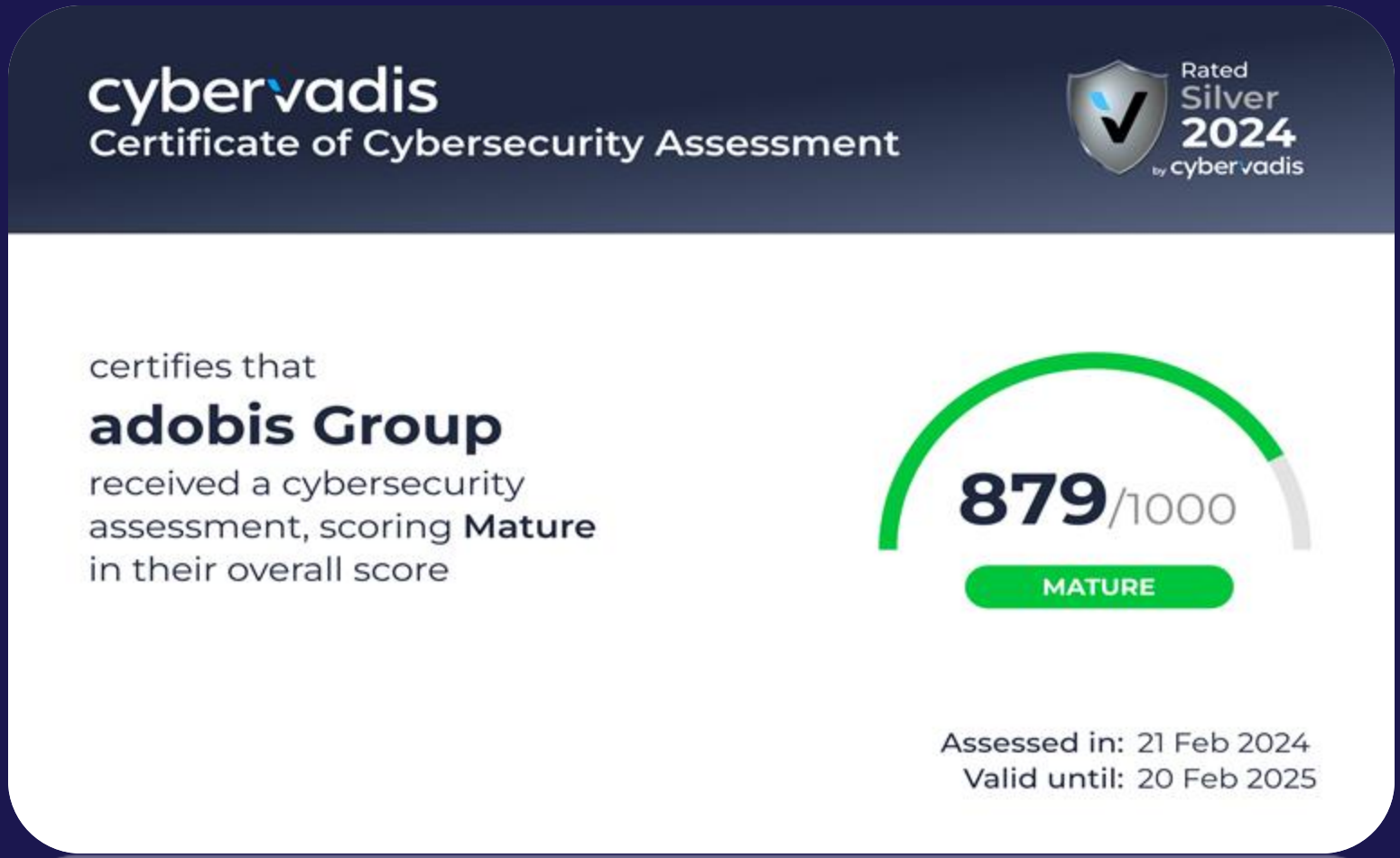


Flexible and agile deployment
The architecture of our solution allows us to adapt to the changing needs of users and organisations.
Resources are therefore in line with current and future needs.

Continuous optimisation of data transmission
Limiting the distance for processing information internal to our solution and reducing energy consumption.

Data Virtualisation Solution
Our solution can operate in Data Virtualisation, hybrid and static modes. It enables strong, dynamic adaptation of data consumption and therefore energy consumption.

Certification



DataChain®



Advisory Board

DataChain Sovereign Data Solution by Adobis Group

Advisory Board - Adobis Group



Pascal Clément (Leader)

Chairman DATALEADERS

Expérience
SVP & CEO

AMADEUS,SAP, GENERIX, SPSS..



Gérard Guinamand

DATatSCALE

Expérience
CIO, Chief Digital Officer, Chief Data Officer

Entreprises
EDF, ENGIE,DATALEADERS,ALLIANCY



Didier Mamma

Vice President Advanced Analytics AI Innovation DECATHLON

Expérience
AMADEUS,SAP



Alexis Kiefer

Managing Partner CIPP/E CDPO CNIL Datago SA Genève – Lausanne Suisse

Expérience

Swiss ASDPO board member, Director Veltigroup (Pragmantic / Insentia), Novartis Consumer Health and Logitech



Hichem Maya

CEO SK[AI]Line

Expérience
Managing Director retail GOOGLE,SAP

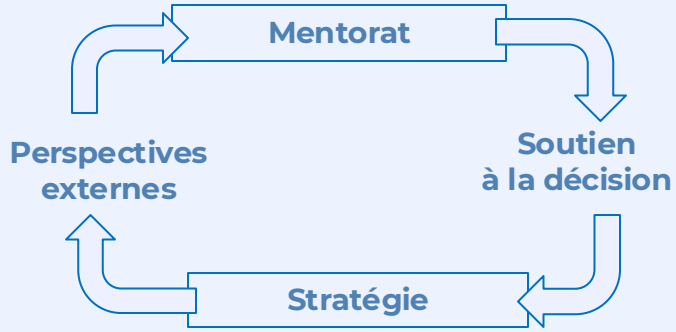


Emmanuelle Morice

Co-founder PROFIDEV

Expérience

Senior Vice President SAP, Atos, ADP
GM - Sales & Marketing | Eco-Systems | GTM Transformation



DataChain®



Your data

is

priceless

adobisgroup.com